

# Lei Zhu

## List of Publications by Citations

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544  
papers

9,427  
citations

49  
h-index

74  
g-index

651  
ext. papers

12,595  
ext. citations

2.8  
avg, IF

7.05  
L-index

#	Paper	IF	Citations
544	Ultra-wideband (UWB) bandpass filters using multiple-mode resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2005</b> , 15, 796-798	2.6	586
543	Ultra-wideband bandpass filter with hybrid microstrip/CPW structure. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2005</b> , 15, 844-846	2.6	187
542	Compact dual-band microstrip bandpass filter without external feeds. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2005</b> , 15, 644-646	2.6	169
541	Compact UWB Bandpass Filter Using Stub-Loaded Multiple-Mode Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2007</b> , 17, 40-42	2.6	168
540	A Differential-Mode Wideband Bandpass Filter on Microstrip Line for UWB Application. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 632-634	2.6	147
539	Ultra-Wideband Power Divider With Good In-Band Splitting and Isolation Performances. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 518-520	2.6	138
538	EBG-Embedded Multiple-Mode Resonator for UWB Bandpass Filter With Improved Upper-Stopband Performance. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2007</b> , 17, 421-423	2.6	118
537	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 1055-1062	4.9	115
536	Gain-Enhanced Patch Antennas With Loading of Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 3310-3318	4.9	114
535	Compact and High-Isolation Diplexer Using Dual-Mode Stub-Loaded Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2014</b> , 24, 385-387	2.6	108
534	Short-circuited CPW multiple-mode resonator for ultra-wideband (UWB) bandpass filter. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2006</b> , 16, 104-106	2.6	101
533	Compact microstrip bandpass filter with two transmission zeros using a stub-tapped half-wavelength line resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2003</b> , 13, 16-18	2.6	99
532	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 1607-1614	4.9	97
531	Compact Dual-Mode Triple-Band Bandpass Filters Using Three Pairs of Degenerate Modes in a Ring Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2011</b> , 59, 1222-1229	4.1	94
530	Wideband Microstrip Ring Resonator Bandpass Filters Under Multiple Resonances. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2007</b> , 55, 2176-2182	4.1	93
529	On the design of novel compact broad-band planar filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2003</b> , 51, 364-370	4.1	93
528	Quadruple-Mode UWB Bandpass Filter With Improved Out-of-Band Rejection. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 152-154	2.6	90

527	Implementation of Compact UWB Bandpass Filter With a Notch-Band. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 10-12	2.6	90
526	A Low-Profile Wide-Beamwidth Circularly-Polarized Antenna via Two Pairs of Parallel Dipoles in a Square Contour. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 931-936	4.9	87
525	Accurate circuit model of interdigital capacitor and its application to design of new quasi-lumped miniaturized filters with suppression of harmonic resonance. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2000</b> , 48, 347-356	4.1	84
524	Millimeter-Wave Bandpass Filters by Standard 0.18- $\mu\text{m}$ CMOS Technology. <i>IEEE Electron Device Letters</i> , <b>2007</b> , 28, 220-222	4.4	83
523	Synthesis Design of Dual-Band Bandpass Filters With $\lambda/4$ Stepped-Impedance Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 1812-1819	4.1	79
522	Wideband Stub-Loaded Slotline Antennas Under Multi-Mode Resonance Operation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 818-823	4.9	77
521	<b>2012</b> ,		77
520	A Compact Microstrip-Fed Patch Antenna With Enhanced Bandwidth and Harmonic Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 5030-5037	4.9	74
519	Highly Selective Differential-Mode Wideband Bandpass Filter for UWB Application. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2011</b> , 21, 133-135	2.6	73
518	High-Gain Circularly Polarized Microstrip Patch Antenna With Loading of Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 2172-2178	4.9	72
517	A joint field/circuit model of line-to-ring coupling structures and its application to the design of microstrip dual-mode filters and ring resonator circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1999</b> , 47, 1938-1948	4.1	70
516	Backscattering Cross Section of Ultrawideband Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2007</b> , 6, 70-73	3.8	69
515	Unified equivalent-circuit model of planar discontinuities suitable for field theory-based CAD and optimization of M(H)MIC's. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1999</b> , 47, 1589-1602	4.1	68
514	A Novel Dual-Mode Dual-Band Bandpass Filter Based on a Single Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 497-499	2.6	67
513	Miniaturized dual-mode bandpass filter using inductively loaded cross-slotted patch resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2005</b> , 15, 22-24	2.6	67
512	Guided-wave characteristics of periodic coplanar waveguides with inductive loading - unit-length transmission parameters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2003</b> , 51, 2133-2138	4.1	63
511	Stopband-Expanded Low-Pass Filters Using Microstrip Coupled-Line Hairpin Units. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 506-508	2.6	62
510	Wideband Bandpass Filter Using U-Slotted Substrate Integrated Waveguide (SIW) Cavities. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2015</b> , 25, 1-3	2.6	60

509	A New Approach to Design Differential-Mode Bandpass Filters on SIW Structure. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2013</b> , 23, 635-637	2.6	60
508	Multiple-resonator-based bandpass filters. <i>IEEE Microwave Magazine</i> , <b>2009</b> , 10, 88-98	1.2	59
507	Synthesis Design of Ultra-Wideband Bandpass Filters With Composite Series and Shunt Stubs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2009</b> , 57, 684-692	4.1	58
506	A Compact Wideband Bandpass Filter Using Transversal Resonator and Asymmetrical Interdigital Coupled Lines. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 173-175	2.6	57
505	Compact Tri-Band Bandpass Filter Based on $\lambda/4$ Resonators With U-Folded Coupled-Line. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2013</b> , 23, 258-260	2.6	56
504	Dual-Band and Dual-Circularly Polarized Single-Layer Microstrip Array Based on Multiresonant Modes. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 1428-1433	4.9	53
503	Compact and High-Selectivity Microstrip Bandpass Filters Using Triple-/Quad-Mode Stub-Loaded Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2011</b> , 21, 522-524	2.6	52
502	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 4618-4625	4.9	51
501	A novel broadband microstrip-fed wide slot antenna with double rejection zeros. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2003</b> , 2, 194-196	3.8	51
500	Patch Antennas With Loading of a Pair of Shorting Pins Toward Flexible Impedance Matching and Low Cross Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 1226-1233	4.9	50
499	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 3200-3208	4.1	50
498	Pin-Loaded Circularly-Polarized Patch Antennas With Wide 3-dB Axial Ratio Beamwidth. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 521-528	4.9	50
497	Dual-Polarized Bandpass and Band-Notched Frequency-Selective Absorbers Under Multimode Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 7449-7454	4.9	50
496	Triple-Mode Dielectric Resonator Diplexer for Base-Station Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 3947-3953	4.1	49
495	A Dual-Band Ring-Resonator Bandpass Filter Based on Two Pairs of Degenerate Modes. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2010</b> ,	4.1	48
494	Low-loss ultra-wideband (UWB) filters using suspended stripline <b>2005</b> ,		48
493	Broad-band microstrip-to-CPW transition via frequency-dependent electromagnetic coupling. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2004</b> , 52, 1517-1522	4.1	48
492	. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2016</b> , 15, 1349-1352	3.8	47

491	Dual-Mode Dual-Band Bandpass Filter Using a Single Slotted Circular Patch Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2012</b> , 22, 233-235	2.6	47
490	Wideband Differential Bandpass Filters on Multimode Slotline Resonator With Intrinsic Common-Mode Rejection. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 1587-1594	4.1	46
489	Sidelobe-Reduced and Gain-Enhanced Square Patch Antennas With Adjustable Beamwidth Under TM03 Mode Operation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 1704-1713	4.9	44
488	Wideband Shorted Patch Antenna Under Radiation of Dual-Resonant Modes. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 2789-2796	4.9	42
487	Dual-Band Filtering Power Divider With High Selectivity and Good Isolation. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2016</b> , 26, 774-776	2.6	42
486	Balanced Dual-Band Bandpass Filter With Multiple Transmission Zeros Using Doubly Short-Ended Resonator Coupled Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 2225-2232	4.1	41
485	Design Approach to a Novel Dual-Mode Wideband Circular Sector Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 4980-4990	4.9	40
484	A Circularly Polarized Implantable Antenna for 2.4-GHz ISM Band Biomedical Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 2554-2557	3.8	39
483	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 808-816	4.1	39
482	Proposal and Synthesis Design of Wideband Phase Shifters on Multimode Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 64, 4211-4221	4.1	39
481	Bandwidth Enhancement of a Differential-Fed Equilateral Triangular Patch Antenna via Loading of Shorting Posts. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 36-43	4.9	38
480	Ultra-Wideband (UWB) Bandpass Filters With Hybrid Microstrip/Slotline Structures. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2007</b> , 17, 778-780	2.6	38
479	A Novel Planar Endfire Circularly Polarized Antenna With Wide Axial-Ratio Beamwidth and Wide Impedance Bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 4554-4559	4.9	38
478	Gain-Enhanced Patch Antenna Without Enlarged Size via Loading of Slot and Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 5702-5709	4.9	37
477	Periodically nonuniform coupled microstrip-line filters with harmonic suppression using transmission zero reallocation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2005</b> , 53, 1817-1822	4.1	37
476	A Miniaturized Wide-Beamwidth Circularly Polarized Planar Antenna via Two Pairs of Folded Dipoles in a Square Contour. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 3753-3759	4.9	36
475	Filtering Power Divider With Good Isolation Performance and Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2016</b> , 26, 984-986	2.6	36
474	Highly-confined and low-loss spoof surface plasmon polaritons structure with periodic loading of trapezoidal grooves. <i>AIP Advances</i> , <b>2015</b> , 5, 077123	1.5	35

473	Analysis and Design of Wideband Microstrip-to-Microstrip Equal Ripple Vertical Transitions and Their Application to Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2017</b> , 65, 2866-2877	4.1	34
472	Triple-Mode Bandpass Filters on CSRR-Loaded Substrate Integrated Waveguide Cavities. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2016</b> , 6, 1099-1105	1.7	33
471	Synthesis of Dual-Wideband Bandpass Filters With Source-Load Coupling Network. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2014</b> , 62, 441-449	4.1	33
470	Synthesis and Design of Wideband Dual-Band Bandpass Filters With Controllable In-Band Ripple Factor and Dual-Band Isolation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 1820-1828	4.1	33
469	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5022-5030	4.9	32
468	A Novel Wideband Slotline Antenna with Dual Resonances: Principle and Design Approach. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2015</b> , 14, 795-798	3.8	32
467	Spoof Surface Plasmon Polaritons Power Divider with large Isolation. <i>Scientific Reports</i> , <b>2018</b> , 8, 5947	4.9	31
466	3-D Printed Inhomogeneous Substrate and Superstrate for Application in Dual-Band and Dual-CP Stacked Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 2236-2244	4.9	31
465	Study of a New Planar-Type Balun Topology for Application in the Design of Balun Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 64, 2824-2832	4.1	31
464	. <i>IEEE Access</i> , <b>2017</b> , 5, 23672-23680	3.5	31
463	Proposal and Synthesis Design of Differential Phase Shifters With Filtering Function. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2017</b> , 65, 2906-2917	4.1	30
462	Synthesis of Inline Mixed Coupled Quasi-Elliptic Bandpass Filters Based on $\lambda/4$ Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 3487-3493	4.1	30
461	Synthesis Method for Substrate-Integrated Waveguide Bandpass Filter With Even-Order Chebyshev Response. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2016</b> , 6, 126-135	1.7	30
460	A Low Profile Shorted-Patch Antenna With Enhanced Bandwidth and Reduced H-Plane Cross-Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5602-5607	4.9	30
459	Triple- and Quadruple-Mode Wideband Bandpass Filter Using Simple Perturbation in Single Metal Cavity. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 3416-3424	4.1	30
458	Dual-Mode Dual-Band Bandpass Filter Using Balun Structure for Single Substrate Configuration. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2010</b> , 20, 613-615	2.6	30
457	Planar Quasi-Isotropic Magnetic Dipole Antenna Using Fractional-Order Circular Sector Cavity Resonant Mode. <i>IEEE Access</i> , <b>2017</b> , 5, 8515-8525	3.5	29
456	Wideband Microstrip-to-Microstrip Vertical Transitions Via Multiresonant Modes in a Slotline Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 1902-1909	4.1	29

455	Ultra-wideband power dividers with good isolation and improved sharp roll-off skirt. <i>IET Microwaves, Antennas and Propagation</i> , <b>2009</b> , 3, 1157	1.6	29
454	A New Approach to Design Microstrip Wideband Balun Bandpass Filter. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2016</b> , 26, 116-118	2.6	28
453	Triple-Mode Dielectric-Loaded Cylindrical Cavity Diplexer Using Novel Packaging Technique for LTE Base-Station Applications. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2016</b> , 6, 383-389	1.7	28
452	A Low-Profile Differential-Fed Patch Antenna With Bandwidth Enhancement and Sidelobe Reduction Under Operation of TM <sub>10</sub> and TM <sub>12</sub> Modes. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 4854-4859	4.9	28
451	An Implantable Circularly Polarized Patch Antenna Design for Pacemaker Monitoring Based on Quality Factor Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5180-5192	4.9	28
450	A Low-Profile Differentially Fed Microstrip Patch Antenna With Broad Impedance Bandwidth Under Triple-Mode Resonance. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 17, 1478-1482	3.8	28
449	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 64, 1997-2005	4.1	27
448	A Novel Planar Diplexer Using Slotline-Loaded Microstrip Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2015</b> , 25, 706-708	2.6	27
447	Guided-wave characteristics of periodic microstrip lines with inductive loading: Slow-wave and bandstop behaviors. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 77-79	1.2	27
446	Short-open calibration technique for field theory-based parameter extraction of lumped elements of planar integrated circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2002</b> , 50, 1861-1869	4.1	27
445	Stopband-enhanced and size-miniaturized low-pass filters using high-impedance property of offset finite-ground microstrip line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2005</b> , 53, 2844-2850	4.1	27
444	Design of a New Balanced-to-Balanced Filtering Power Divider Based on Square Patch Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2018</b> , 66, 5280-5289	4.1	27
443	A Wideband Circularly Polarized Patch Antenna With Enhanced Axial Ratio Bandwidth via Co-Design of Feeding Network. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 4996-5003	4.9	26
442	An EH <sub>0</sub> -Mode Microstrip Leaky-Wave Antenna With Periodical Loading of Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 3419-3426	4.9	25
441	. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2017</b> , 7, 1119-1125	1.7	25
440	Numerical De-Embedding of Effective Wave Impedances of Substrate Integrated Waveguide With Varied Via-to-Via Spacings. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2016</b> , 26, 1-3	2.6	25
439	Synthesis Design of a Wideband Bandpass Filter With Inductively Coupled Short-Circuited Multi-Mode Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2012</b> , 22, 509-511	2.6	25
438	Design of Miniaturized Triplexers via Sharing a Single Triple-Mode Cavity Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2017</b> , 65, 3877-3884	4.1	24

437	A Wideband Patch and SIW Cavity Hybrid Antenna With Filtering Response. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 836-840	3.8	24
436	Frequency Selective Resorber With Low Insertion Loss and Dual-Band Absorptions Using Planar Slotline Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 1-1	3.8	24
435	Compact Quadruplet Bandpass Filter Based on Alternative J/K Inverters and $\lambda/4$ Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2012</b> , 22, 224-226	2.6	24
434	Dual-Mode Filtering Power Divider With High Passband Selectivity and Wide Upper Stopband. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2017</b> , 27, 642-644	2.6	23
433	Strip-Loaded Slotline Resonators for Differential Wideband Bandpass Filters With Intrinsic Common-Mode Rejection. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 1-9	4.1	23
432	Compact microstrip balun diplexer using stub-loaded dual-mode resonators. <i>Electronics Letters</i> , <b>2016</b> , 52, 1994-1996	1.1	23
431	Wideband dual-mode planar endfire antenna with circular polarisation. <i>Electronics Letters</i> , <b>2016</b> , 52, 1000-1001	1.1	23
430	Four-Way Spoof Surface Plasmon Polaritons Splitter/Combiner. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2019</b> , 29, 98-100	2.6	23
429	A Novel Frequency-Reconfigurable Patch Antenna Using Low-Loss Transformer Oil. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 7316-7321	4.9	22
428	Printed dual spiral-loop wire antenna for broadband circular polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 284-288	4.9	22
427	A Low-Profile Wideband Aperture-Fed Microstrip Antenna With Improved Radiation Patterns. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 562-567	4.9	22
426	Novel Low-RCS Circularly Polarized Antenna Arrays via Frequency-Selective Absorber. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 287-296	4.9	22
425	Bandpass Frequency Selective Structure With Improved Out-of-Band Rejection Using Stacked Single-Layer Slotlines. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 6003-6014	4.9	22
424	Design Method for Multiband Filters With Compact Configuration in Substrate Integrated Waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2018</b> , 66, 3011-3018	4.1	22
423	Proposal and Synthesis Design of Wideband Filtering Differential Phase Shifters With a Pair of Out-of-Band Transmission Zeros. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2018</b> , 66, 2828-2841	4.1	21
422	Planar endfire circularly polarized antenna using concentric annular sector complementary dipoles. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2016</b> , 26, 829-838	1.5	21
421	A Low-Profile Wide-Bandwidth Planar Inverted-F Antenna Under Dual Resonances: Principle and Design Approach. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 5019-5025	4.9	21
420	NUMERICAL SYNTHESIS DESIGN OF COUPLED RESONATOR FILTERS. <i>Progress in Electromagnetics Research</i> , <b>2009</b> , 92, 333-346	3.8	21



419	Characterization of infinite- and finite-extent coplanar waveguide metamaterials with varied left- and right-handed passbands. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2005</b> , 15, 805-807	2.6	21
418	Novel Wideband Bandpass Filter with Dual Notched Bands Using Stub-Loaded Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2017</b> , 27, 25-27	2.6	20
417	Wideband Balanced-to-Unbalanced Bandpass Filters Synthetically Designed With Chebyshev Filtering Response. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2018</b> , 66, 4528-4539	4.1	20
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215	A UHF omni-directional RFID antenna <b>2010</b> ,		4
214	Triple-mode bandpass filters on stub-loaded resonator with novel I/O coupling scheme <b>2012</b> ,		4
213	General synthesis method for symmetrical even-order Chebyshev bandpass filter <b>2012</b> ,		4
212	Ultra-Wideband Microstrip-Line Bandpass Filters with Good Out-of-Band Performance using EBG-Embedded Multiple-Mode Resonator <b>2007</b> ,		4
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187	Ultra-wideband (UWB) bandpass filters with improved upper-stopband performance <b>2006</b> ,		3
186	Ultra-wideband (UWB) bandpass filters using hybrid microstrip/CPW structures <b>2006</b> ,		3

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139	Frequency-dependent guided-wave characteristics of periodically series-capacitive loaded coplanar waveguides. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 46, 54-58	1.2	2
138	Miniaturized Multi-Pole Broadband Microstrip Bandpass Filter: Concept and Verification <b>2000</b> ,		2
137	Compact Broadband Planar Filters <b>2001</b> ,		2
136	The bandwidth of single-mode operation in groove NRD waveguide. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>1989</b> , 10, 371-379		2
135	Numerical Short-Open-Load (SOL) Calibration Technique for Accurate Extraction of Electrically-Small Planar/Non-Planar Microstrip-Line Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2022</b> , 1-1	4.1	2
134	Analysis and Design of Stable-Performance Circularly-Polarized Antennas Based on Coupled Radiators for Smart Watches. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	2
133	Wideband Filtering Antenna Fed through Hybrid Substrate Integrated Waveguide and Spoof Localized Surface Plasmon Structure. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	2
132	Wideband bandstop filters based on wideband 180° phase shifters. <i>IET Microwaves, Antennas and Propagation</i> , <b>2020</b> , 14, 1662-1670	1.6	2



131	Design Approach for a Microstrip Yagi Antenna With a Switched Beam Using Resonant TM10 and TM20 Modes. <i>IEEE Access</i> , <b>2020</b> , 8, 224365-224371	3.5	2
130	Dual-Band Filtering Differential Phase Shifter Using Cascaded Wideband Phase Shifter and Bandstop Network With Two Same Phase Shifts. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 31, 261-264	2.6	2
129	A low-profile dual-band shorted patch antenna with enhanced-bandwidth and multifunctional beams under reshaped modes. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22726	1.5	2
128	A Transversal Single-Beam EH0-Mode Microstrip Leaky-Wave Antenna on Coupled Microstrip Lines Under Differential Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 592-596	3.8	2
127	Wideband Filtering Differential Phase Shifter With Enhanced Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 31, 445-448	2.6	2
126	A Low-Profile Dual-Band Patch Antenna With Simultaneous Wide Beamwidth and High Gain by Using Multiresonant Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 813-817	3.8	2
125	Sub-6 GHz ceramic inverted-L antenna with non-resonant structure and leaky-wave radiation. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 033501	3.4	2
124	A compact triple-mode dielectric resonator in cylindrical cavity filter. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 1645-1647	1.2	2
123	DESIGN OF DUAL-MODE BAND-PASS FILTER WITH NOVEL PERTURBATION ELEMENTS. <i>Progress in Electromagnetics Research C</i> , <b>2019</b> , 96, 59-71	0.9	2
122	Proposal and design of an end-fire slot antenna with low back-lobe and improved front-to-back ratio. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22508	1.5	2
121	Frequency Selective Surface With Quasi-Elliptic Bandpass Response Using Radiation Null of Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 13-17	3.8	2
120	Dual-Band Dual-Mode Patch Antenna with High-Gain and Wide-Beam Radiations in Two Respective Bands. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	2
119	Numerical Modeling and De-Embedding of Non-Planar Periodic Guided-Wave Structures via Short-Open Calibration in 3-D FEM Algorithm. <i>IEEE Access</i> , <b>2018</b> , 6, 67329-67337	3.5	2
118	Synthesis Design of Filtering Differential Phase Shifters of Independently Suppressed Harmonics. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 2760-2764	3.5	2
117	Circularly-polarized cavity-backed slot antenna array with simplified feeding structure. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22859	1.5	2
116	S-Band Full-Metal Circularly Polarized Cavity-Backed Slot Antenna With Wide Bandwidth and Wide Beamwidth. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 5963-5968	4.9	2
115	A Novel Ring Type Wideband Bandpass Filter: Proposal, Design and Verification. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	2
114	Wideband Balanced Filters With Intrinsic Common-Mode Suppression on Coplanar Stripline-Based Multimode Resonators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-13	3.9	2

113	Design Approach for A Dual-Band Circularly Polarized Slot Antenna with Flexible Frequency Ratio and Similar In-Band Gain. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2022</b> , 1-1	3.8	2
112	Slot Loading Effect on the Impedance and Radiation Performance of the TM03-Mode High-Gain Square Patch Antenna <b>2019</b> ,		1
111	A novel method to design triple-mode SIW filter based on the complementary split ring resonators (CSRRs) <b>2016</b> ,		1
110	Propagation characteristics of corrugated substrate integrated waveguide with no metallic vias <b>2016</b> ,		1
109	A constant absolute bandwidth tunable filter using varactor-loaded open-loop resonators <b>2013</b> ,		1
108	Design of wideband bandpass filter using quadruple-mode rectangular cavity resonator <b>2017</b> ,		1
107	A novel wideband grid array antenna with vertical radiation elements <b>2015</b> ,		1
106	Design of Microwave Patch Hybrid Couplers with Arbitrary Power Ratio and Impedance Transformation. <i>IEICE Transactions on Electronics</i> , <b>2015</b> , E98.C, 644-650	0.4	1
105	Numerical short-open calibration (SOC) technique for de-embedding of periodic planar transmission line structures: Effective propagation constant and characteristic impedance <b>2015</b> ,		1
104	Wideband vertical microstrip-to-microstrip transition designed with cross-coupled microstrip/slotline resonators <b>2015</b> ,		1
103	A NOVEL WIDEBAND BANDPASS FILTER USING TRIPLE-MODE SLOTLINE RING RESONATOR. <i>Progress in Electromagnetics Research Letters</i> , <b>2013</b> , 40, 163-170	0.5	1
102	MICROSTRIP BANDPASS FILTERS USING TRIPLE-MODE PATCH-LOADED CROSS RESONATOR. <i>Progress in Electromagnetics Research Letters</i> , <b>2012</b> , 30, 13-20	0.5	1
101	A Novel Triple-Mode Bandpass Filter Based on a Dual-Mode Defected Ground Structure Resonator and a Microstrip Resonator. <i>International Journal of Antennas and Propagation</i> , <b>2013</b> , 2013, 1-5	1.2	1
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99	<b>2011</b> ,		1
98	A stopband-enhanced UWB bandpass filter using short-/open- stubs embedded ring resonator <b>2009</b> ,		1
97	Compact wideband bandpass filters using rhombus-shaped triple-mode resonator. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 2107-2109	1.2	1
96	Compact dual-band microstrip bandpass filters using composite cross and open/short-circuited E-shaped resonators <b>2012</b> ,		1

95	Miniaturization of Triple-Mode UWB Bandpass Filters with Extended Upper-Stopband <b>2008</b> ,		1
94	Printed U-shaped slot antennas fed by CPW via inductive coupling		1
93	Per-unit-length parameters of 1-D CPW metamaterials with simultaneously series-C and shunt-L loading		1
92	Guided-wave characteristics of CPW transmission line metamaterials: effective per-unit-length parameters		1
91	High-Impedance transformer for wideband $.\text{LAMBDA}/4$ CPW bandpass filters. <i>IEICE Electronics Express</i> , <b>2004</b> , 1, 198-203	0.5	1
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89	Electromagnetic bandgap enhancement using the high-impedance property of offset finite-ground microstrip line. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 543-546	1.2	1
88	Numerical de-embedding procedure and unified circuit model for planar integrated circuits <b>1999</b> , 3795, 400		1
87	Dual-Resonant Wideband Microstrip Annular Sector Patch Antenna with Increased Backfire Radiations. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	1
86	Dual-Band Circular Polarizers with Versatile Polarization Conversions Based on Aperture-Coupled Patch Resonators. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
85	A Novel Wideband 90° Filtering Phase Shifter Using Broadside-Coupled MSLs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	1
84	High-order bandpass frequency selective surface based on aperture-coupled patch resonators under dual resonance. <i>Electronics Letters</i> , <b>2020</b> , 56, 1409-1411	1.1	1
83	An Endfire Controllable-Filtering Antenna Based on Spoof Surface Plasmon Polaritons. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	1
82	Multi-Band Monopole Smartphone Antenna with Bandwidth Enhancement under Radiation of Multiple Same-Order Modes. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	1
81	A Slot-Loaded High-Gain Circular Patch Antenna with Reconfigurable Orthogonal Polarizations and Low Cross-Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	1
80	Multiband Waveguide Filters With Compact Size and Large Frequency Ratio. <i>IEEE Transactions on Plasma Science</i> , <b>2021</b> , 1-6	1.3	1
79	Compact and High-Order On-Chip Wideband Bandpass Filters on Multimode Resonator in Integrated Passive Device Technology. <i>IEEE Electron Device Letters</i> , <b>2022</b> , 1-1	4.4	1
78	A Frequency-Reconfigurable Inverted-L Antenna Made of Pure Water. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	1

77	Compact EH <sub>0</sub> -Mode Microstrip Leaky-Wave Antenna with Enhanced Gain in Broadside. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	1
76	MMR-Based UWB Bandpass Filters	116-148	1
75	A compact triple-mode bandpass filter with wide-stopband using half-mode substrate integrated waveguide cavity loaded with slots. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 1056-1059	1.2	1
74	A dual-band dual-mode microstrip Yagi antenna with quasi-end-fire radiation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22132	1.5	1
73	. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 2117-2121	3.8	1
72	Wideband microstrip-fed slot antenna with end-fire radiation under dual-resonant modes. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22458	1.5	1
71	Triple-resonant wideband 1.5-wavelength sectorial dipole antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22728	1.5	1
70	Design of dual-band filtering power dividers with designable port-to-port isolation network. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22717	1.5	1
69	Design of triple-band and triplex slot antenna using triple-mode cavity resonator. <i>IET Microwaves, Antennas and Propagation</i> , <b>2019</b> , 13, 2303-2309	1.6	1
68	Wideband balun filter on slot-line resonator with intrinsic balanced performance in magnitude and phase. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21605	1.5	1
67	Dual-Resonant High-Gain Wideband Yagi-Uda Antenna Using Full-Wavelength Sectorial Dipoles. <i>IEEE Open Journal of Antennas and Propagation</i> , <b>2021</b> , 2, 872-881	1.9	1
66	Coplanar waveguide-serially-connected coplanar strip dual stub structure for wideband bandpass filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22571	1.5	1
65	Generalized Topology and Design Method for a New Class of Wideband Phase Shifters Based on Multimode Resonators <b>2018</b> ,		1
64	Novel 3D Bandpass Frequency Selective Structures Based on Stacked Planar Slotlines: Modelling, Design and Validation <b>2018</b> ,		1
63	A Dual-Band and Dual-Circularly-Polarized Array Antenna with a Single Element <b>2018</b> ,		1
62	Balun bandpass filter on slot-line resonators with intrinsic balanced performance in amplitude and phase. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2018</b> , 10, 891-895	0.8	1
61	Balanced low-profile wide beamwidth circularly polarized stacked loop antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22848	1.5	1
60	Wideband Balanced-to-Balanced Microstrip-to-Coplanar Strip Transitions With Intrinsic Common-Mode Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 69, 3726-3736	4.1	1

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58	Principle and Unified Design of Circularly-Polarized Quadruple Inverted-F Antenna with Miniaturized Size and Enhanced Front-to-Back Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
57	Wideband Continuously Tunable Phase Shifter With Phase Slope Tunability and Low Phase Error. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2022</b> , 70, 2147-2155	4.1	1
56	Low-Profile Dual-Resonant Wideband Backfire Antenna for Vehicle-to-Everything Applications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	1
55	Direct Synthesis and Design of Wideband Linear-to-Circular Polarizers on 3-D Frequency Selective Structures. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
54	Differential phase shifters based on Schiffman type-C and type-F networks with wide phase shift range. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22126	1.5	0
53	Compact wideband microstrip-to-microstrip vertical transition with extended upper stopband. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2018</b> , 28, e21228	1.5	0
52	Reply to Comment on "Compact UWB Bandpass Filter Using Stub-Loaded Multiple-Mode Resonator" <i>IEEE Microwave and Wireless Components Letters</i> , <b>2007</b> , 17, 812-812	2.6	0
51	Stopband-improved dual-mode bandpass filter using side-slit patch resonator. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 717-720	1.2	0
50	3-D Pattern Modulation Surfaces Using Short-Circuited Slotline Structure: Proposal, Design, and Implementation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	0
49	Design Approach for Low-Profile Tri-Polarization Patch Antenna with Simultaneous Harmonic Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	0
48	Miniaturized wideband dual-polarized microstrip patch antenna with improved radiation performance. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , e23013	1.5	0
47	Low-profile complementary dipole antenna under quadruple mode resonance with nearly equal E- and H-plane patterns. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , e22974	1.5	0
46	A Single-Layer Dual-Band Array at Low Frequency Ratio with Concurrent Broad Fan Beam and Narrow Pencil Beam. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	0
45	A New Miniaturized Broadband Multiway and Polyphase Differential Phase Shifter on Single-Layer PCB Substrate. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 1-1	4.1	0
44	Design of a compact microstrip balanced-to-balanced filtering power divider with real impedance-transformation functionality. <i>IET Microwaves, Antennas and Propagation</i> , <b>2021</b> , 15, 481-494	1.6	0
43	A folded higher-mode slot antenna with enhanced bandwidth and radiation pattern reshaping. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22777	1.5	0
42	Wideband circularly polarised patch antenna with multi-section $\lambda/4$ transmission lines. <i>Electronics Letters</i> , <b>2019</b> , 55, 1172-1174	1.1	0

41	Dual-band stacked patch antenna with wide e-plane beam width and stable gain at both bands. <i>Microwave and Optical Technology Letters</i> , <b>2021</b> , 63, 1264-1270	1.2	○
40	Study on Bandwidth Properties of EH1-Mode Microstrip Leaky-Wave Antenna for Broadside Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	○
39	An EH <sub>1</sub> Mode Microstrip Leaky Wave Antenna on Differentially Excited Coupled Line for Transversal Single-Beam Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	○
38	Synthesis Design of Dual-Band Differential Phase Shifters With Independent Filtering Passbands and Predetermined Phase Shifts. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	○
37	Planar Pattern Manipulation Surfaces Using Dual-Polarized Pin-Loaded Patch Resonating Elements. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	○
36	High-Order Mode Resonant Planar Dual-Sense Bidirectional Circularly Polarized Antenna with Arbitrary Orthogonal Polarization Flared Angles. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	○
35	INTRODUCTION TO BALANCED TRANSMISSION LINES, CIRCUITS, AND NETWORKS <b>2018</b> , 1-20		
34	UWB AND NOTCHED-BAND UWB DIFFERENTIAL FILTERS USING MULTILAYER AND DEFECTED GROUND STRUCTURES (DGSSs) <b>2018</b> , 249-282		
33	APPLICATION OF SIGNAL INTERFERENCE TECHNIQUE TO THE IMPLEMENTATION OF WIDEBAND DIFFERENTIAL FILTERS <b>2018</b> , 283-310		
32	WIDEBAND BALANCED FILTERS BASED ON MULTI-SECTION MIRRORED STEPPED IMPEDANCE RESONATORS (SIRs) <b>2018</b> , 311-351		
31	WIDEBAND BALANCED FILTERS ON SLOTLINE RESONATOR WITH INTRINSIC COMMON-MODE REJECTION <b>2018</b> , 373-422		
30	DUAL-BAND BALANCED FILTERS IMPLEMENTED IN SUBSTRATE INTEGRATED WAVEGUIDE (SIW) TECHNOLOGY <b>2018</b> , 549-564		
29	WIDEBAND AND UWB BALANCED BANDPASS FILTERS BASED ON BRANCH-LINE TOPOLOGY <b>2018</b> , 91-134		
28	WIDEBAND DIFFERENTIAL CIRCUITS USING T-SHAPED STRUCTURES AND RING RESONATORS <b>2018</b> , 177-247		
27	BALANCED POWER DIVIDERS/COMBINERS <b>2018</b> , 565-606		
26	DUAL-BAND BALANCED FILTERS BASED ON LOADED AND COUPLED RESONATORS <b>2018</b> , 515-547		
25	Vertical microstrip-to-microstrip transition through the highpass-filter topology for ultra-wideband (UWB) applications. <i>HKIE Transactions</i> , <b>2016</b> , 23, 19-25	2.9	
24	Other Types of UWB Filters <b>2012</b> , 188-213		

23	The Design of Wideband Microstrip Bandpass Filter Using Dual Stepped Impedance Stub-Loaded Resonator. <i>Advanced Materials Research</i> , <b>2013</b> , 760-762, 401-404	0.5
22	COMPACT BANDPASS FILTER BASED ON NOVEL HAIRPIN RESONATOR WITH SELF-CONTAINED TRIPLE TRANSMISSION ZEROS. <i>Progress in Electromagnetics Research Letters</i> , <b>2013</b> , 43, 65-72	0.5
21	Improved circuit model for coplanar-waveguide to microstrip-line transition on silicon substrate. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 141-144	1.2
20	Characterization of periodic microstrip-line EBG structures with improved bandstop behaviors. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 242-244	1.2
19	Corrections to "accurate circuit model of interdigital capacitor and its application to design of new quasi-lumped miniaturized filters with suppression of harmonic resonance". <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2002</b> , 50, 2412-2413	4.1
18	Microwave Passive Components <b>2005</b> , 585-618	
17	Synthesis Design of Wideband Phase Shifters Using Coupled-Line Structure. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2022</b> , 1-4	2.6
16	. <i>IEEE Open Journal of Antennas and Propagation</i> , <b>2021</b> , 2, 1132-1142	1.9
15	Planar Transmission Line Resonators 85-115	
14	Pin-loaded triple-mode patch resonator for bandpass filter design. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 625-629	1.2
13	A compact monopolar patch antenna with bandwidth-enhancement under dual-mode resonance. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22088	1.5
12	Canonical synthesis of transversal bandpass filters. <i>IET Microwaves, Antennas and Propagation</i> , <b>2020</b> , 14, 1124-1131	1.6
11	A new compact and wideband quadrature feeding network with an integrated asymmetrical phase shifter. <i>IET Microwaves, Antennas and Propagation</i> , <b>2021</b> , 15, 397-403	1.6
10	Miniaturized full-metal bandpass filter and multiplexer using circular spiral resonator. <i>IET Microwaves, Antennas and Propagation</i> , <b>2021</b> , 15, 606-619	1.6
9	Design of compact planar power divider with wideband bandpass response and high in-band isolation. <i>IET Microwaves, Antennas and Propagation</i> , <b>2021</b> , 15, 954-965	1.6
8	Wideband cavity-backed slot array with high gain and high aperture efficiency. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22822	1.5
7	3-D Printing and CNC Machining Technologies for Exploration of Circularly Polarized Patch Antenna With Enhanced Gain. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2019</b> , 9, 984-990	1.7
6	Direct synthesis of compact wideband differential bandpass filter on composite triple-mode resonator. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21521	1.5

5	Low-profile wideband patch antenna with pattern diversity using custom-designed feeding schemes. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , e22893	1.5
4	Design of Periodic End-Coupled Leaky-Wave Antenna with Asymmetrically Loading Unit. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2022</b> , 1-1	3.8
3	2n-Way Wideband Filtering Power Dividers With Good Isolation Enhanced by a Modified Isolation Network. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2022</b> , 1-1	4.1
2	Dual-Frequency Microstrip Leaky-Wave Antenna for High-Gain Broadside Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9
1	A Fully Packaged Bandpass Filter on Stripline Patch Resonator With Wide Upper Stopband. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2022</b> , 1-4	2.6